Amount spent on Mechanisation by BCCL

4263. SHRI MD. SALIM: Will the Minister of COAL be pleased to state:

(a) the amount spent on mechanisation by Bharat Coking Coal Limited (BCCL) upto 31st December, 1993;

(b) the return in the form of value of additional output obtained by such investment;

(c) the number and price of each main coal-cutting and earth-moving equipment working in BCCL as on 31st December, 1993, remaining idle and their average capacity utilisation in 1993-94; and

(d) whether the capacity utilisation of the machines is on the decline during the last three years; and if so, the steps taken on that?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI AJIT KUMAR PANJA) : (a) "Mechanisation" is commonly understood as direct use of machinery for winning coal and/or overburden and their transportation. The expenditure on such mechanisation in BCCL upto 31-12-1993 is Rs. 765.52 crores. Items of machinery assisting in mining operations like pumps, transformers, cranes, etc. have, therefore, not been included in the figure quoted.

(b) The value of additional output obtained from this investment has been estimated around Rs. 3,100 crores.

(c) The coal cutting machines in BCCL for underground mines were last purchased in 1978. These machines have long since completed their life.

The number of Earth Moving equipment, as on 31-12-1993 available in BCCL like Shovels, Dumpers, Drills, Payloaders, Motor graders, Draglines are 1,372.

(d) The capacity utilisation of HEMM in BCCL in last 3 years as per CMPDIL norms is 72% in 1991-92, 68.5% in 1992-93 and has been calculated at 72.67% (provisional) in 1993-94.

Like other coal companies, BCCL is also inter-alia taking the following steps for further improving the capacity utilisation of their equipment:

(i) Hot seat change for higher capacity equipment.

(ii) Improvement in operational practices.

(iii) Improved spare parts management.

(iv) Improved training of workmen.

(v) System of introducing modern concept of repair and maintenance.

Cost of production of Coal

4264. SHRI E. BALANANDAN: Will the Minister of COAL be pleased to state:

(a) what are the details of percentage and different factors constituting the cost of producing coal and the overall production cost per ton in 1980, 1985, 1990 and 1994;

(b) whether the cost is increasing with mechanisation; and

(c) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI AJIT KUMAR PANJA): (a) The desired details of major components of cost of production (in percentage terms) and average cost of production (Rs. per tonne) in Coal India Ltd. were as under:—

Major Components	1979-80	1984-85	1989-90	1993-94 (Provisional)
Salaries & Wages	61.3	52.7	46.8	39.1
Stores	12.00	13.9	14.9	16.4
Power	4.8	6.0	7.0	8.2
Interest	4.5	7.2	7.5	8.7
Depreciation	6.4	8.6	9.8	11.1
Others	11.0	11.6	14.0	16.5
TOTAL	100	100	100	100
Average cost of production (Rs. per tonne)	110.04	190.63	264.69	361.89